



Since the beginning of the 20th century, between tradition and innovation



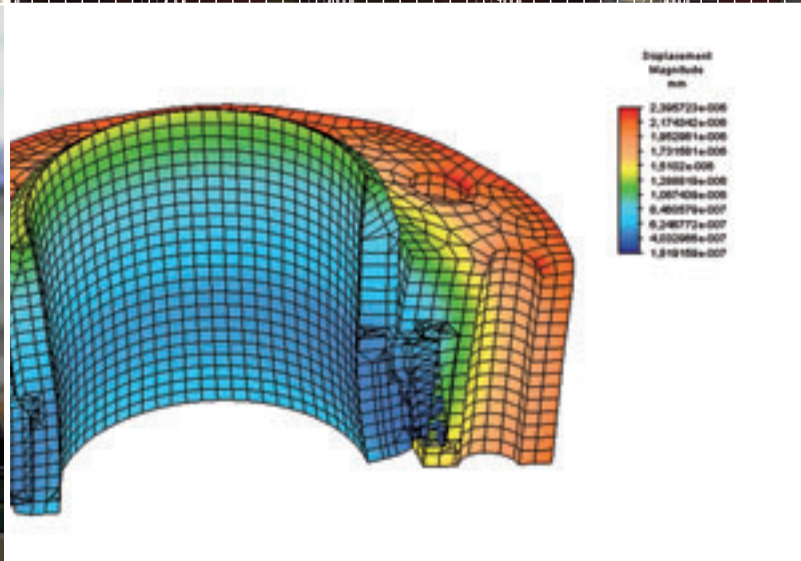
Company profile

Officine Ambrogio Melesi was founded back in 1914 although flange production only started in 1952. The Company underwent an important development process making Officine Ambrogio Melesi one of the most important flange manufacturers in the world.

In the last twenty years huge investments have been made in new forging and machining equipment enabling the company to gain productivity and remain competitive on the market.

The company's long-standing experience and highly-qualified, technical staff have allowed the company to gain a lead role in the flange business.

Years of experience in manufacturing processes of a wide variety of steel grades together with a quality management system led to worldwide certification.



OUR MISSION is to achieve excellence in customer satisfaction, through continuously improving products, quality, delivery, documentation and services.

OUR KNOW-HOW and professional commitment raise general performance and find a solution to your demands.



Products

Our main production consists of all standard flanges in addition to special custom components in accordance with all international standards:

- **Welding Neck**
- **Blind**
- **Slip On**
- **Socket Weld**
- **Threaded**
- **Lap joint**
- **Long Welding Neck**
- **Orifice flanges**
- **Spectacle Blinds**
- **Ring spacers and spades**
- **Cladded flanges / Weld overlayed flanges**
- **Drip Rings**
- **Compact flanges**
- **Clamp connectors**
- **Anchor flanges**
- **Swivel Rings**
- **Misalignment flanges**
- **Buckle arrestors**
- **Bulkheads**
- **J-Lay Collars**
- **Adaptors**
- **Nozzles**
- **Tube sheets**
- **Rings**
- **Hollow forgings**
- **Ball valves components**
- **Weldolets**
- **Stub Ends**
- **Weldoflanges**
- **Nipo flanges**
- **Forged tubular products**
- **Y pieces**
- **Special flanges acc. to client drawing or designed in accordance to particular client's requisitions**



Production range

Officine Ambrogio Melesi produces a wide range of products in-house:

- **Maximum weight 10 tons**
- **Maximum external diameter 4,500 mm**
- **1,000,000 pieces per year**
- **60,000 tons production per year**

Business system

Although the company's core business is standard flanges, non-standard products have also received recognition from all major companies in the following application fields:

- **Oil and gas**
- **Chemical and petrochemical**
- **Aerospace**
- **Transmission**
- **Construction and mining**
- **Power generation**
- **Wind power**
- **General mechanics**
- **Water treatment - Desalination**



Materials

Officine Ambrogio Melesi keeps very large stocks of raw material and forgings in:

- Carbon Steels
- Steels for low temperature
- Special low sulphur carbon steels for sour service (HIC and SSCC test)
- High yield carbon steels
- API 6A materials for wellhead and Christmas tree equipments
- Low alloy steels
- Stainless steels
- Duplex – Superduplex steels
- Nickel Alloys
- Copper Alloys
- Titanium
- Construction steels

Manufacturing standards

- ASME B 16.5
- ASME B16.48
- ASME B16.36
- ASME B16.47/A
- ASME B16.47/B
- API 6 A - ISO 10423
- API 17D
- Norsok L - 005
- EN European standard
- BS 1560-3293-4504-10M
- DIN
- AFNOR
- UNI
- AWWA
- Client standards

or designed to

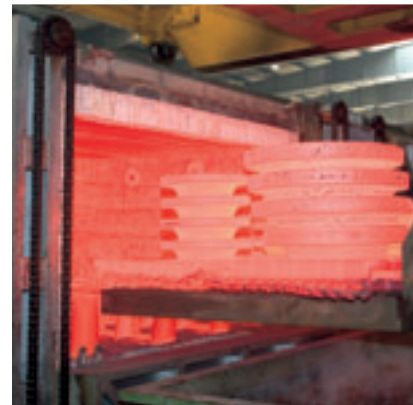
- ASME VIII Div 1
- ASME VIII Div 2, including Finite Element Analysis
- DNV OS - F101
- BS PD 5500
- ASME B31.3/B31.4/B31.8
- Stoomwezen



Production equipment

Officine Ambrogio Melesi boasts an extremely modern, sophisticated production line, consisting of:

- Multiple forging lines (mechanical presses - counterblow hammers, hydraulic presses - ring rollers)
- Heat treatment facilities
- Numerous CNC machines and fully automated workstations
- Fully equipped testing laboratory





Quality system

The Quality Management system of Officine Ambrogio Melesi has been certified by DNV in compliance with the UNI-EN-ISO 9001: 2008.

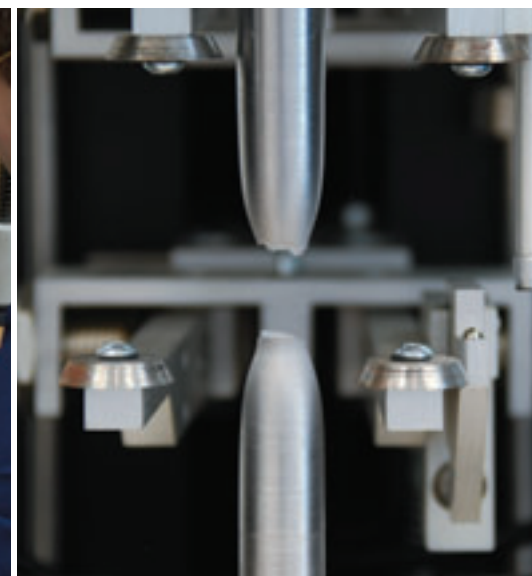
The company has also been approved by:

- DNV, LLRR and RINA for ship construction materials
- TÜV for PED 97/23/EC and AD 2000-Merkblatt W0/TRD 100
- API in accordance to 6 A
- All major oil and gas companies



Quality control

In our fully equipped in-house laboratory, destructive and non destructive tests are performed to ensure a highly qualified product.





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